8.0 SCHEDULE

The schedule for the tasks described in this Work Plan is shown below.

Previous Work/Site Studies Delivered to EPA		April 1, 2011
Task A - Pre-Design And Ongoing Site Monitoring		
A1	Ongoing Water Quality and Flow Monitoring	
	Flow monitor installation	~~March 31~~, 2011
	Quarterly downloads	~~begins June 2011~~
A2	Seasonal Water Quality and Flow Monitoring	
	SAP/QAPP	April ~~1~~, 2011
	First sampling event	April, 2011
Task B – Management of Precipitation Solids in the Upper Settling Ponds		
B1	Develop Initial Solids Removal Plan	May 1, 2011
B2	Drying Bed Construction and Solids Removal, and Solids Management	
	Mobilization and site preparation	June 6, 2011
	Pond 18 solids removal	July 6 – December 1, 2011
	Downstream ponds solids removal	July 2012 – December 2013
	Permanent drying facility design	March 2012
	Permanent drying facility construction	Completed by December 2012
B3	Pond Stability Analysis and Upgrades	
	Pond stability analysis (Geotechnical and Hydrology)	September 2011
	Embankment armoring	December 2011-August 2012
	Stability upgrades – structural	(see Task F schedule)
Task C – Design and Construction of a Solids Repository		
C1	Develop a Repository Design and Operating Plan	
	Submit Repository Design and Operating Plan	October1, 2011
	Permitting (not required; anticipated timing)	Complete by May 2012
C2	Solids Repository Construction and Initial Solids Placement	Completed by October 2012
	Mobilization	June 2012
	Construct repository	June – October 2012
	Placement of dried Pond 18 solids	December 2012
	Placement of downstream ponds solids	June 2013 – December 2014
Task D – Hydraulic Control Measures for the Collapsed area of St. Louis Tunnel Adit		
D1	Adit Collapse Area Investigations Plan	July 15, 2011
	Adit and Portal Investigation Report	December 8, 2011
D2	Preliminary Design of Hydraulic Controls of the Adit Discharge	
	Preliminary Design Report	March 1, 2012
D3	Final Design and Construction of Adit Hydraulic Controls	
	Final design	June 15, 2012
	Construction	August – November 2012
Task E - Source Water Investigations and Controls		
E1	Review Existing Data	April – July 2011
E2	Additional Investigations	July 2011 – September 2012
E3	Evaluation of Hydraulic Controls Altematives	October 2012

E4	Mine Water Source Controls - Design and Construction (Pending E3 Findings)	
	Preliminary design and Additional Data Collection	March - June 2013
	Final design	July 2013
	Construction	August 2013

Task F – Water Treatment System Analysis and Design

F1	Preliminary Water Treatment Technology Altematives Screening Report	August 2011
F2	Treatment System Conceptual Designs and Additional Investigations	June – October 2011
F3	30-Percent Design Report	June 2012
F4	Final Design and Construction of the Water Treatment Facility	
	Final Design	December 1, 2012
	Construction	May – November 2013